AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application:

LISTING OF CLAIMS:

1. (Previously Presented): A method for adaptively setting a data refresh interval comprising:

providing a data source;

providing a data using means for utilizing data from the data source, the data using means having an initial refresh interval;

providing a communication link between the data source and the data using means;

monitoring at least one criteria related to the refresh interval;

generating an updated data refresh interval based at least in part on the monitored criteria;

transferring the updated refresh interval to the data using means; and

changing the initial data refresh interval of the data using means to the updated data refresh interval.

2. (Previously Presented) The method set forth in claim 1, wherein the communication link comprises a network.

3. (Previously Presented) The method set forth in claim 2, wherein the network is a global computer network.

4. (Previously Presented) The method set forth in claim 1, wherein the data using means is a web browser.

5. (Previously Presented) The method set forth in claim 1, further comprising a database for storing the data received from the data source.

6. (Previously Presented) The method set forth in claim 5, further comprising providing a means for generating at least one display page based at least in part on the data stored in the database and which is viewable on the data using means.

7. (Previously Presented) The method set forth in claim 1, further comprising providing a means for generating at least one display page based at least in part on the data from the data source and which is viewable on the data using entity.

8. (Previously Presented) The method set forth in claim 1, wherein the at least one criteria is selected from the group comprising the likelihood that the data using entity will receive a large amount of data, the available bandwidth of the communication network, the closeness of the client to the part of the web site containing a source of data, the ability of the server to process data, client usage patterns, database usage patterns, and the nature of the data.

9. (Previously Presented) The method set forth in claim 1, wherein the monitored criteria is used in an adaptive algorithm to determine the updated refresh interval.

10. (Previously Presented) The method set forth in claim 1, wherein the updated refresh interval is transmitted to the data using means.

11. (Previously Presented) The method set forth in claim 1, wherein the data using means uses the updated refresh interval to determine when to refresh the data using means.

12. (Previously Presented) The method set forth in claim 1, wherein the data using means requests data from the data source.

13. (Previously Presented) The method set forth in claim 1, further comprising providing a data server in communication with the data source and data using means, wherein the data server generates and transmits the updated refresh interval in response to the request for data by the data using means.

14. (Previously Presented) The method set forth in claim 13, wherein a subsequent request for data by the data using means is based at least in part on the updated refresh interval.

15. (Previously Presented) The method set forth in claim 1, wherein the data using means is a visual display, an audible display, or a tactile display.

16. (Previously Presented) The method set forth in claim 6, wherein the at least one display page is pushed to the data using means.

17. (Previously Presented) The method set forth in claim 7, wherein the at least one display page is pushed to the data using means.

18. (Previously Presented) An adaptively refreshed data using system of a service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet comprising:

a data source;

a data using means for utilizing data from the data source, the data using means having an initial refresh interval;

a communication link between the data source and the data using means;

a criteria monitor for monitoring at least one criteria related to the refresh interval;

a processor for generating an updated data refresh interval based at least in part on the monitored criteria; whereby the updated data refresh interval is transferred to the data using means and the data using means is updated based on the data refresh interval.

19. (Previously Presented) The system set forth in claim 18, wherein the communication link comprises a network.

20. (Previously Presented) The system set forth in claim 19, wherein the network is a global computer network.

21. (Previously Presented) The system set forth in claim 18, wherein the data using means is a web browser.

22. (Previously Presented) The system set forth in claim 18, further comprising a database for storing the data received from the data source.

23. (Previously Presented) The system set forth in claim 22, further comprising a means for generating at least one display page based at least in part on the data stored in the database and which is viewable on the data using means.

24. (Previously Presented) The system set forth in claim 18, further comprising a means for generating at least one display page based at least in part on the data from the data source and which is viewable on the data using entity.

25. (Previously Presented) The system set forth in claim 18, wherein the at least one criteria is selected from a group comprising the likelihood that the data using entity will receive a large amount of data, the available bandwidth of the communications network, the closeness of the client to the part of the web site containing a source of data, the ability of the server to process data, client usage patterns, database usage patterns, and the nature of the data.

26. (Previously Presented) The system set forth in claim 18, wherein the monitored criteria is used in an adaptive algorithm to determine the updated refresh interval.

27. (Previously Presented) The system set forth in claim 18, wherein the updated refresh interval is transmitted to the data using means.

28. (Previously Presented) The system set forth in claim 18, wherein the data using means uses the updated refresh interval to determine when to refresh the data using means.

29. (Previously Presented) The system set forth in claim 18, wherein the data using means requests data from the data source.

30. (Previously Presented) The system set forth in claim 18, further comprising a data server in communication with the data source and data using

means, wherein the data server generates and transmits the updated refresh interval in response to the request for data by the data using means.

31. (Previously Presented) The system set forth in claim 30, wherein a subsequent request for data by the data using means is based at least in part on the updated refresh interval.

32. (Previously Presented) The system set forth in claim 18, wherein the data using means is a visual display, an audible display, or a tactile display.

33. (Previously Presented) The system set forth in claim 23, wherein the at least one display page is pushed to the data using means.

34. (Previously Presented) The system set forth in claim 24, wherein the at least one display page is pushed to the data using means.

35. (Previously Presented) A method for adaptively setting a data refresh interval between a sender computer and a receiver computer of a service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet comprising:

providing a data source;

providing a data using means for utilizing data from the data source, the data using means having an initial refresh interval;

providing a communication link between the data source and the data using means;

monitoring at least one criteria related to the refresh interval;

generating an updated data refresh interval based at least in part on the monitored criteria;

changing the initial data refresh interval of the data using means to the updated data refresh interval; and

providing a data server in communication with the data source and data using means, wherein the data server generates and transmits the updated refresh interval in response to the request for data by the data using means and wherein a

subsequent request for data by the data using means is based at least in part on the updated refresh interval.

36. (Previously Presented) An adaptively refreshed data using system of a service broker system for interactive monitoring and control of data to and from computers and Internet enabled devices of a client/server safety system over the Internet comprising:

a data source;

a data using means for utilizing data from the data source, the data using means having an initial refresh interval;

a communication link between the data source and the data using means;

a criteria monitor for monitoring at least one criteria related to the refresh interval;

a processor for generating an updated data refresh interval based at least in part on the monitored criteria;

whereby the data using means is updated based on the data refresh interval; and

a data server in communication with the data source and data using means, wherein the data server generates and transmits the updated refresh interval in response to the request for data by the data using means, and wherein a subsequent request for data by the data using means is based at least in part on the updated refresh interval.

37. (New) A method for adaptively setting a data refresh interval comprising:

synchronizing a data source and a data using device by performing at least one of a polling operation, a heartbeat operation, an exchange of event data, and a network level activity;

requesting a refresh of data from the data source to the data using device based at least in part by an initial refresh interval, the refresh of data being requested by the data using device;

monitoring at least one criteria related to the refresh interval;

generating an updated data refresh interval based at least in part on the monitored criteria;

transferring the updated refresh interval to the data using device;

changing a data refresh interval of the data using device from the initial data refresh interval to the updated data refresh interval; and

requesting a subsequent refresh of data from the data source based at least in part on the updated refresh interval, the subsequent refresh of data being requested by the data using device.

38. (New) A system for adaptively setting a data refresh interval comprising:

a data source;

a data using device adapted to use data from the data source, the data using device having an initial refresh interval;

a communication link arranged between the data source and the data using device;

a monitoring arrangement adapted to monitor at least one criteria related to the refresh interval and adapted to synchronize the data source and the data using device by performing at least one of a polling operation, a heartbeat operation, an exchange of event data, and a network level activity;

a processor adapted to generate an updated data refresh interval based at least in part on the monitored criteria; and

an arrangement adapted to transfer the updated refresh interval to the data using device;

wherein the data using device is adapted to request a refresh of the data from the data source based at least in part on the updated refresh interval.